PTO/SB/05 (08-03)
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attomey Docket No. 05986/100M724-US1 First Inventor Marcus B. Jones **B. ANTHRACIS PREVENTION AND TREATMENT:** MUTANT B. ANTHRACIS LACKING LUXS Title **ACTIVITY AND FURANONE INHIBITION OF** GROWTH, AI-2 QUORUM SENSING, AND TOXIN **PRODUCTION**

The PTO did not receive the

Expre	ess Mail Label No.							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450							
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. X Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 66]] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 22] 5. Oath or Declaration [Total Sheets 4] a. X Unexecuted b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. X Computer Readable Form (CRF) b. Specification Sequence Listing on: i. X Diskette; or ii. X Paper c. X Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). [13] (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. [14] (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.								
6. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPO	ONDENCE ADDRESS							
X Customer Number: 07278	OR Correspondence address below							
DARBY & DARBY P.C. S. Peter Ludwig								
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Name (Print/Type) S Peter Ludwig	Registration No. (Attorney/Agent) 25,351							
Signature Date April 12, 2004								

listed item(s)

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TE TEANCMITTAL	Complete if Known						
FEE TRANSMITTAL	Application Number	Not Yet Assigned					
for FY 2004	Filing Date	Concurrently Herewith Marcus B. Jones Not Yet Assigned					
	First Named Inventor						
Effective 10/01/2003, Patent fees are subject to annual revision.	Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	N/A					
L AMOUNT OF PAYMENT (\$) 0.00	Attorney Docket No.	05986/100M724-US1					
METHOD OF PAYMENT (check all that apply)	FEE CALC	CULATION (continued)					
check Credit Money Other None	3. ADDITIONAL FEES						

TOTAL A	TOTAL AMOUNT OF PAYMENT (\$) 0.00							Attorney Docket No. U5986/100IVI724-U51												
METHOD OF PAYMENT (check all that apply)						FEE CALCULATION (continued)														
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Name The Director is authorized to: (check all that apply)			1052	50	2052	25	Surcharge sheet.	e – late provisional filing fee or cover	r 	,										
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to the above-identified deposit account.			1805	1,840*	1805	1,840*	Requestin Examiner	g publication of SIR after action		Š										
FEE CALCULATION					1251	110	2251	55	Extension	for reply within first month										
1. BASIC	FILING	FEE				1252	420	2252	210	Extension	for reply within second month		4							
Large Entity	y Small	Entity				1253	950	2253	475	Extension	for reply within third month									
Fee Fee Code (\$)	Fee	Fee (\$)	Fee Desc	ription	Fee Paid	1254	1,480	2254	740	Extension	for reply within fourth month		430							
1001 770	2001	385	Utility filing	fee	385.00	1255	2,010	2255	1,005	Extension	for reply within fifth month									
1002 340	2002	170	Design filin	g fee		1401	330	2401	165	Notice of	Appeal		racetve							
1003 530	2003	265	Plant filing	fee		1402	330	2402	165	Filing a br	ief in support of an appeal		6							
1004 770	2004	385	Reissue fili	ng fee		1403	290	2403	145	Request f	or oral hearing		8							
1005 160	2005	80	Provisional	filing fee		1451	1,510	1451	1,510	Petition to	institute a public use proceeding									
		SUBT	OTAL (1)	(\$)	385.00	1452	110	2452	55	Petition to	revive – unavoidable		not							
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Total Claims	69	-20** =		9 =	441.00	1503	640	2503	320	Plant issu	e fee									
Independent	14	-3** =	11 x	43 =	473.00	1460	130	1460	130	Petitions t	o the Commissioner		PTO							
Claims Multiple Dep	endent			=		1807	50	1807	50	Processin	g fee under 37 CFR 1.17(q)									
Large Entity	Small	Entity				1806	180	1806	180	Submission	on of Information Disclosure Stmt		Tha							
Fee Fee Code (\$)	_	Fee (\$)	Fee	Description	<u>n</u>	8021	40	8021	40		each patent assignment per times number of properties)									
1202 18	2202	9 (Claims in exces			1809	770	2809	385		bmission after final rejection									
1201 86	2201		ndependent cla			1810	770	2810	385	•	additional invention to be									
1203 290			Multiple depend		-					examined	(37CFR 1.129(b))	 								
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SUBMITTED BY			(Complete	(if applicable))
Name (Print/Type) S. Reter Ludwig	Registration No. (Attorney/Agent)	25,351	Telephone	(212) 527-7700
Signature Munch			Date	April 12, 2004



Application No. (if known): Not Yet Assigned

Attorney Docket No.: 05986/100M724-US1

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. in an envelope addressed to:

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April 12, 2004 Date

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Utility Patent Application Transmittal (1 p) Specification, Claims & Abstract (66 pp)

Drawings (22 sheets)

Declaration/Power of Attorney (unexecuted, 4 pp

Application Data Sheet (4 pp)

Nucleotide and/or Amino Acid Sequence Submission on CRF

Specification Sequence Listing on paper (15 pp) Statement Pursuant to 37 C.F.R. §1.821(f) (2 pp)

PTO/SB/17 Fee Transmittal for FY 2004 (1 p)